

GZA
GeoEnvironmental, Inc.

Engineers and
Scientists

Principals:
John P. Hartley,
District Office Manager
Michael A. Powers, P.E., L.S.P.
David R. Carchedi, P.E.
John J. Spirito, P.E., L.S.P.

April 17, 1996
File No. 31030-C

APR 22 1996



Mr. Dennis aRusso, Environmental Manager
R.I. Solid Waste Management Corporation
65 Shun Pike
Johnston, Rhode Island 02919

Re: Central Landfill Operable Unit 2 RI/FS
Progress Report No. 15
Work Period: March 11 through April 16, 1996

140 Broadway
Providence
Rhode Island 02903
401-421-4140
FAX 401-751-8613

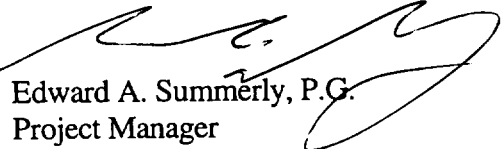
Dear Mr. aRusso:

This letter with attachments serves as the 15th progress report prepared by GZA GeoEnvironmental, Inc. (GZA) associated with activities completed to date on the Central Landfill Operable Unit 2 Remedial Investigation/Feasibility Study (OU2-RI/FS). This progress report has been prepared in accordance with the requirements of Section 37 of the Administrative Order by Consent, U.S. EPA Docket No. I-87-1016. We prepared this letter on behalf of the RISWMC in accordance with the terms and conditions of our June 30, 1995 Environmental Engineering Services Contract.

Please do not hesitate to call me at ext. 320 with any questions or comments regarding this information.

Very truly yours,

GZA GEOENVIRONMENTAL, INC.


Edward A. Summerly, P.G.
Project Manager

EAS:lag

Attachments: Progress Report No. 15

Mr. John Courcier/USEPA
Ms. Becky Cleaver/HNUS
Ms. Laurie Sclama/RIDEM

G:\OBS\CLF31030.EAS\PROGRESS.RPT\PR15.LET

A Subsidiary of GZA
GeoEnvironmental
Technologies, Inc.

1021

PROGRESS MADE THIS REPORTING PERIOD

March 11 through April 16, 1996

Deliverables and Correspondence This Period



GZA has not submitted any correspondence to EPA or RIDEM on RISWMC's behalf during this reporting period.

GZA has received the following correspondence from EPA regarding this project during the reporting period:

- April 1, 1996 letter regarding the review status of four prior deliverables (i.e., "Hot Spot Pump Test Report", "Pentennial Water Quality Report", "Feasibility Study Work Plan" and the Technical Memorandum regarding "Delineation of Groundwater Contamination Emanating from the OU1-Area").

We understand that EPA will not be providing comment on the "Hot Spot Pump Test Report" and the "Pentennial Water Quality Report" at this time and that EPA is reserving comment on the "Feasibility Study Work Plan" until the OU2/Round1A analytical results are available. GZA is currently assessing what impact, if any, these deferrals will have on the current project schedule, and will communicate any potential problems we identify in the next monthly progress report. We also believe, based on the April 1, 1996 letter, that we are approved to implement the program detailed in the Technical Memorandum regarding "Delineation of Groundwater Contamination Emanating from the OU1-Area" once all bimonthly groundwater monitoring is available.

RISWMC is currently awaiting comments on the March 5, 1996 "OU2-Task 7 Hot Spot Test Pits" and the March 11, 1996 "Draft OU2 Risk Assessment Response Summary" report.

Multi-Media Sampling Round 1A/Task 1

All analytical data has been provided to ECCI, the independent data validation contractor, by GZA. We anticipate having all validation complete and in-house by April 19, 1996. We are currently reviewing what validated data we have received and are in the process of putting it into our database. We anticipate that this effort will be completed within the upcoming reporting period and that the next progress report will include summaries of all data in tabular form.



Stream Flow Measurements/Task 3

Weekly measurement of stream flows have been recorded beginning on July 27, 1995. This data was incorporated into the second quarterly report submitted on February 13, 1996. On March 21, 1996, GZA personnel repaired and reset the gauge staffs of the weirs at Upper Simmons Reservoir and Retention Pond No. 2 damaged by this winter's frost and ice. Additionally, these gage staff elevations and the box culverts' bench marks were checked by level survey performed by GZA personnel on March 21, 1996.

Dredging of the sediments from Upper Simmons Reservoir by RISWMC is scheduled to commence during the next reporting period. GZA will assess the impact of these activities on the stream flow measurement program during upcoming field activities.

UPCOMING EVENTS/ACTIVITIES

Field Activities

Stream Flow Measurements/Task 3 Field activities for this task in the following quarter include: 1) Weekly flow measurements at each measurement location; and 2) a monthly survey and check of gauge elevations and locations.

Bimonthly Groundwater Measurements/Task 3A The fifth bimonthly measurement round will be conducted during the upcoming reporting period (i.e., May 1996).

Please note that field activities are highly dependent on the weather and the availability of subcontractors and equipment and are thus subject to change. We will notify EPA and RIDEM as such changes become evident.

Reports and Correspondence

Multi-Media Sampling Round 1A/Task 1 We are currently evaluating all multi-media sampling and analytical data and will be preparing a data report and screening level risk evaluation. We believe this report will be instrumental in determining the scope of additional sampling and analysis required for the OU2/Round 2 effort and completion of the OU2 RI study. Given the current status of the analytical results, we believe that this report will be available to EPA by the week of June 3, 1996. If a second round of groundwater and surface water samples are to be collected during the low flow period of 1996 (i.e., September), as indicated in the approved Sampling and Analysis Plan, all parties will need to expedite their review of the Round 1A data.

KEY PERSONAL

There have been no changes in project staffing.

G:\JOBS\CLF31030.EAS\PROGRESS.RPT\PR15.RPT

